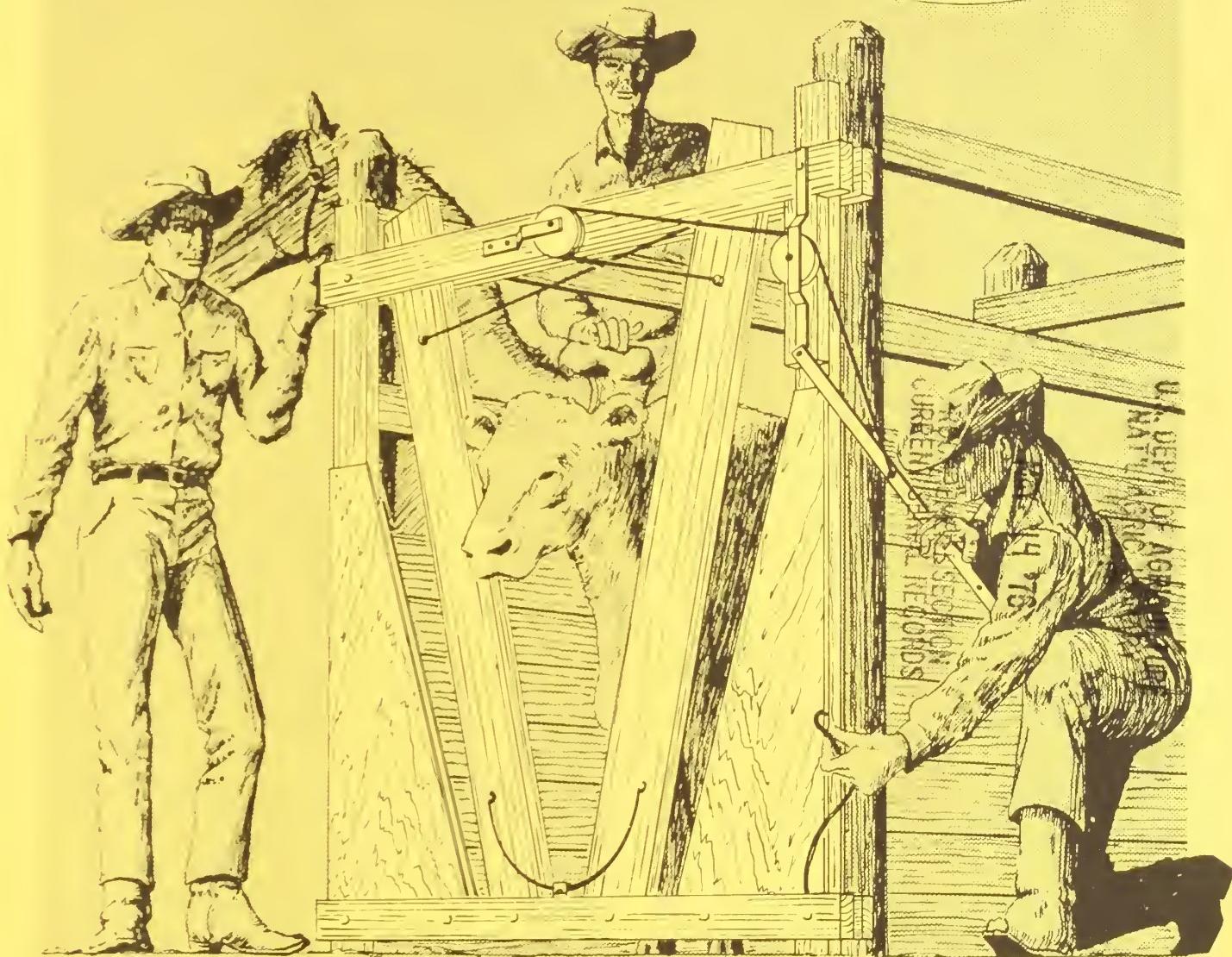


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# HEADGATE For Cattle walk-through type



Some cattlemen and veterinarians feel that hinged headgates should not be used when working cattle because of the possibility of injury to the operators when unruly or frightened animals are being released. This walk-through headgate, designed at Oklahoma State University, is intended to reduce the reluctance of the animals to move forward, to hold them securely for treatment, and to release them quickly . . . without risk to the operators. The gate will weight about 140

pounds. It can be hauled where needed, or mounted permanently on a working chute or squeeze.

A large-scale working drawing may be obtained from the extension agricultural engineer at your State university. There may be a small charge to cover cost of printing.

If you do not know the location of your State university, send your request to Agricultural Engineer, Extension Service, U.S. Department of Agriculture, Washington, D.C. 20250. He will forward your request to the correct university.

ORDER PLAN NO. 6077 HEADGATE FOR CATTLE, WALK-THROUGH TYPE.

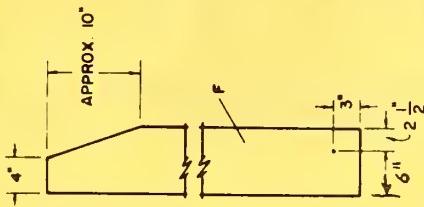
Washington, D.C.

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Miscellaneous Publication No. 1185

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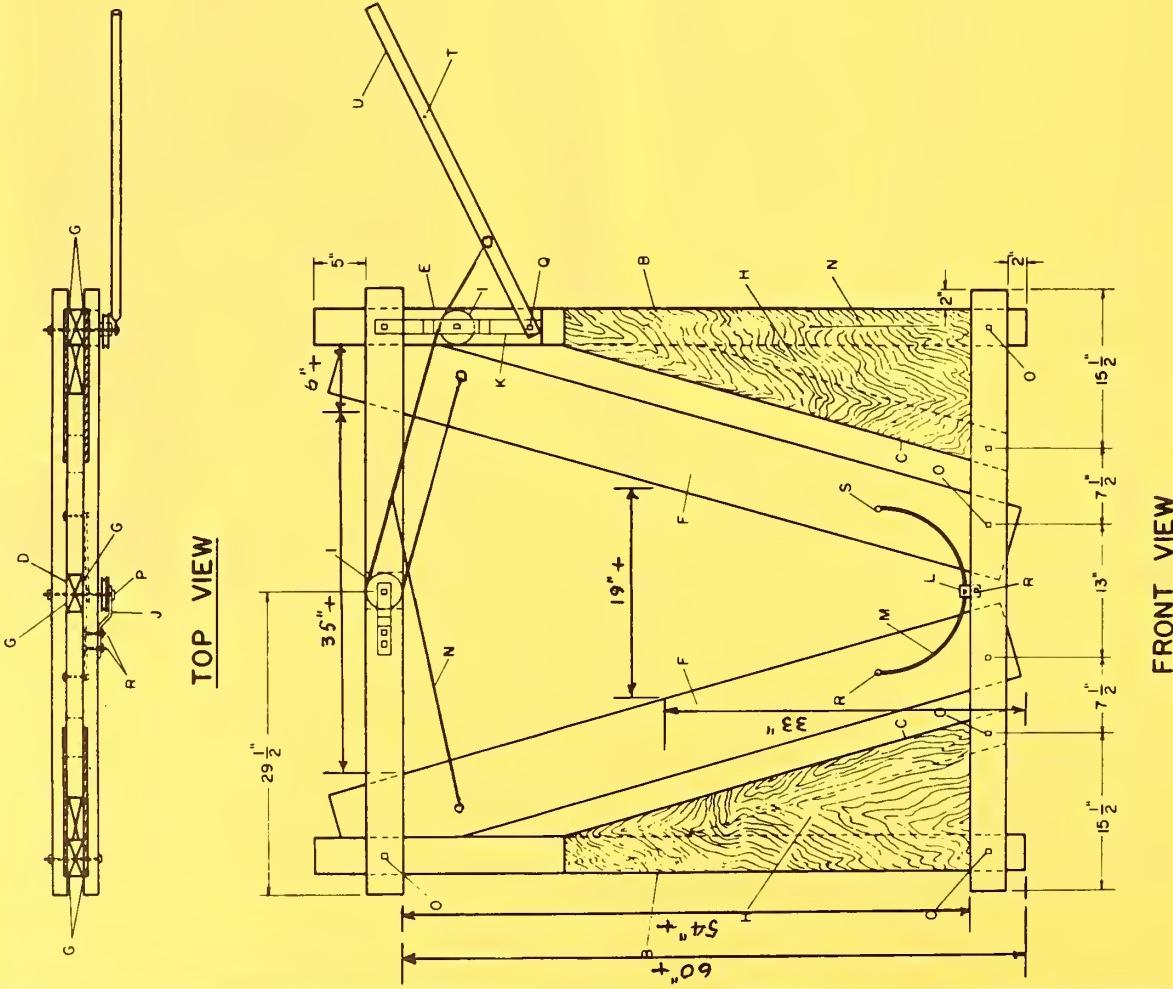
NECK BOARD DETAIL

MATERIAL LIST

ITEM	NO.	DESCRIPTION
A	4	2'x4"x39" HORIZONTALS
B	2	2'x4"x69" UPRIGHTS
C	2	2'x4"x45" BRACE
D	1	2'x4"x4" BLOCK
E	1	2"x4"x13" BLOCK
F	2	2"x8"x67" NECK BOARD
G	14	1" x 4"x 4" HARDBOARD SPACER
H	4	2"x15"x 39" EXT. PLYWOOD BRACE
I	2	3" PULLEYS
J	1	1 1/2" x 8" STRAP IRON
K	1	1 1/2" x 17" STRAP IRON
L	1	1 1/2" x 4" STRAP IRON
M	1	32" SPRING TOOTH
N	1	3" x 124" CHAIN
O	8	1/2" x 5" MACHINE BOLT
P	1	1/2" x 6" MACHINE BOLT
Q	1	1/2" x 3 1/2" MACHINE BOLT
R	5	1/2" x 2" MACHINE BOLT
S	2	1/2" CUT WASHER
T	1	HOOK
U	1	1 1/2" x 36" PIPE

NOTES

- WELD CUT WASHER (S) TO SPRING TOOTH (M)
- 1/2" CABLE MAY BE SUBSTITUTED FOR CHAIN (N)
- USE PRESSURE TREATED LUMBER FOR LONGER LASTING HEADGATE
- HEADGATE MAY BE MOUNTED ON CHUTE IF DESIRED
- LENGTH OF BOLTS BASED ON KILN DRIED LUMBER



FRONT VIEW

WALK-THRU HEADGATE	
OKLA '69	6077

SHEET 1 OF 1



